The following parts and parameters have been replaced / changed during the Parc Fermé yesterday and today:

**Red Bull Racing RBPT:**

**Car 01:**
- LHS & RHS diffuser stay
- RWD exhaust tailpipe
- Front brake friction material
- Parameters associated with the change of brake material

**Car 11:**
- RHS RWEP light
- Front RHS brake caliper spat seal
- Front wing/nose assembly

**Ferrari:**

**Car 16:**
- HP Bosch fuel pump
- RHS exhaust pressure sensor pipe
- RHS engine intake assembly
  - Parameters associated with engine intake assembly

**Car 55:**
- HP Bosch fuel pump
- RHS exhaust pressure sensor pipe
- LHS front outboard suspension assembly
- Power steering assembly
- Gearbox assembly
- LHS and RHS rear inboard and outboard suspension assemblies including driveshafts
- Front wing assembly
- Rear wing assembly
Parameters associated with the change of components

**McLaren Mercedes:**

Car 03: Engine oil tank O-rings

Car 04: Front wing assembly
   Centre water cooler
   Cooler out hose assembly
   BBW hydraulic manifold
   LHS and RHS rear brakeline O-ring
   LHS and RHS rear brake line back-up ring

**Alpine Renault:**

Car 14: Lambda sensors
   Hydraulic heat exchanger pipe
   Turbine inlet LHS pressure sensor
   RHS rear wheel speed sensor
   Rear right Hub interface unit
   LHS front brake drum seal

Car 31: Gearbox assembly
   LHS and RHS rear inboard and outboard suspension assemblies including driveshafts
   Rear brake calipers
   Gearbox control manifold
   BBW unit
   Gearbox oil cooler
   Gearbox torque sensor
   Lambda sensors
   Rear right hub interface unit
   ICE water header tank
   Parameters associated with the change of components

**AlphaTauri RBPT:**

Car 10: Starter reaction bracket
   Upper cooler assembly
   RHS wheel guard shroud
   Front wing assembly
   Forward plank section
Car 22: RHS rear wing end plate light

**Aston Martin Mercedes:**

Car 18: Strain gauged steering column assembly
Parameters associated with the change of steering column
Driver's accelerator pedal heel rest

Car 05: Upper engine cover bonded assembly
Tridair receptacle for upper engine cover
RHS upper rear brake duct forward turning vane
RHS upper rear brake duct vane

**Williams Mercedes:**

Car 23: RHS rear inboard and outboard suspension assembly including driveshaft
RHS rear brake system components
RHS rear brake duct assembly
Rear brake friction material
Floor to engine stay
Parameters associated with the change of components

Car 06: Water system PRV
Rear wing assembly
ERS Light
Floor to engine stay
Floor to gearbox cable assembly
PCU8 dash display

**Alfa Romeo Racing Ferrari:**

Car 77: HP Bosch fuel pump
RHS exhaust pressure sensor pipe
Survival cell as defined in Article 27.2 of the 2022 Sporting Regulations
Front inboard and outboard suspension assemblies
Internal fuel cell assembly
Gearbox assembly
LHS and RHS rear inboard and outboard suspension assemblies including driveshafts
Rear braking system
Floor assembly
Hydraulic power pack
LHS engine loom
Engine MOOG block
Engine plenum,
Secondary exhaust
Clutch assembly
LHS and RHS fuel injectors
Auxiliary cooling ducts
Engine oil heat exchanger
Hydraulic oil heat exchanger
Power box, FMD, LIU
Oil pipe engine out
Engine oil tank in pipe
RHS water cooler out pipe
Water pump to bottle pipe
RHS heat shield main
Turbine heat shield assembly
RHS heat shield rearward
RHS gearbox heat shield cover
RHS engine cover
RHS floor stay
LHS rear HIU
Parameter associated with the change of components

Car 24:  
HP Bosch fuel pump
RHS exhaust pressure sensor pipe
RHS middle floor stay
Gearbox assembly
LHS and RHS rear inboard and outboard suspension assemblies including driveshafts
Rear wing assembly
Front wing assembly
FR corner assembly and brake duct components
LHS and RHS and centre engine cover
Floor assembly
Engine MOOG block
Parameter changes associated with the change of components

Haas Ferrari:

Car 20:  
HP Bosch fuel pump
RHS exhaust pressure sensor pipe
ES Battery
Floor assembly
Intercooler pipe

Car 47:  
HP Bosch fuel pump
RHS exhaust pressure sensor pipe
Front wing assembly

All above parts have been replaced with the approval of the FIA technical delegate following a written request from the team concerned, this being in accordance with Article 40.3 of the 2022 Formula One Sporting Regulations.

Jo Bauer

The FIA Formula One Technical Delegate